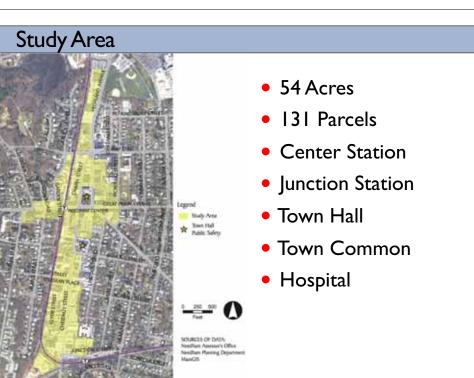
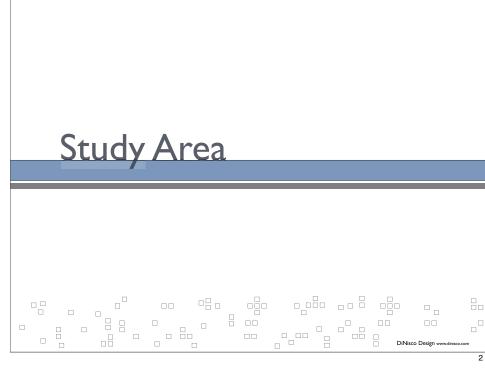
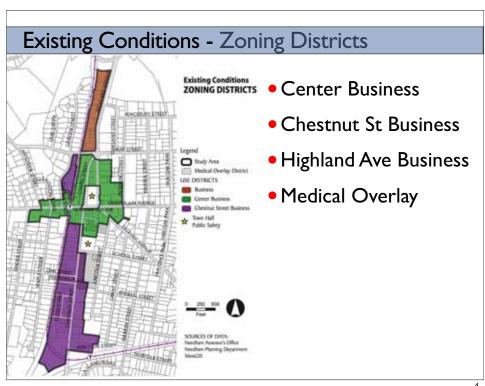
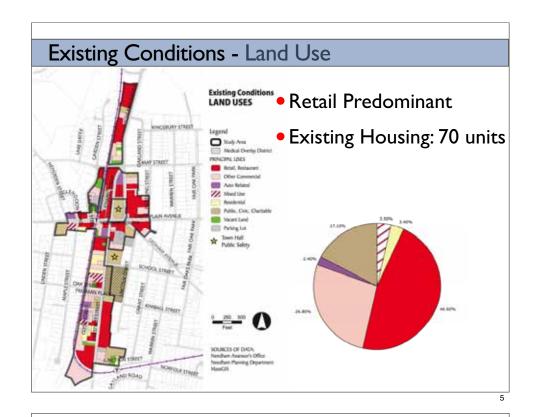
Needham Center Study June 25, 2008











Workshop #I - Community Goals/Objectives

- Center Focus
 - ◆ Town Common
 - ◆ Town Hall
 - Needham Center
 - Commuter Train

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Workshop #I - Community Goals/Objectives

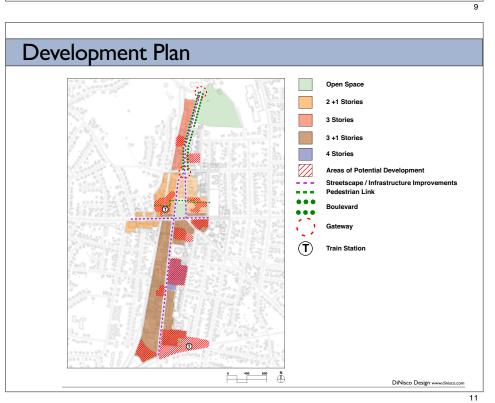
- Village Environment
 - ◆ Local Retail/Services
 - Historic Character
 - ◆ Traditional Scale/Character

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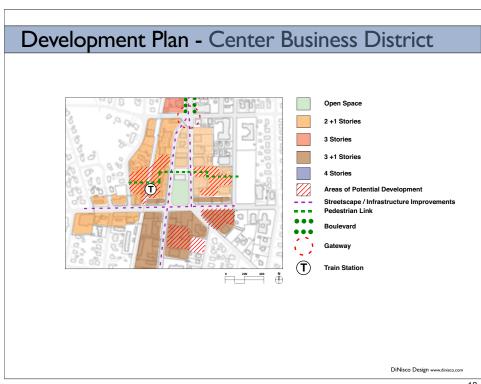
Workshop #2 - Goals/Objectives

- Implement Design Standards
- Increase Height and Density
- Develop Parking Strategy
 - Consolidation
 - ◆ Management Plan
 - Parking Fund
- Encourage Housing
- Improve Streetscape

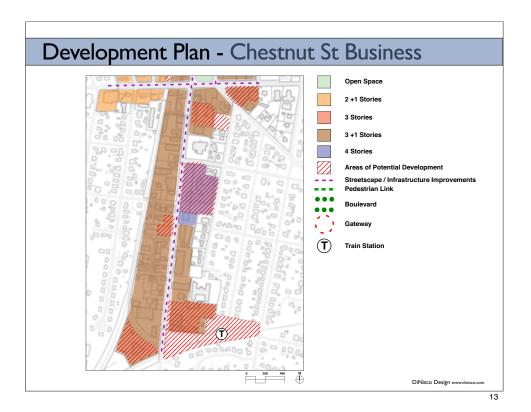






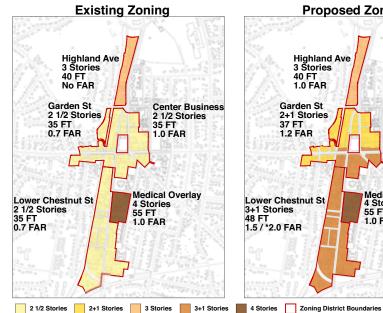


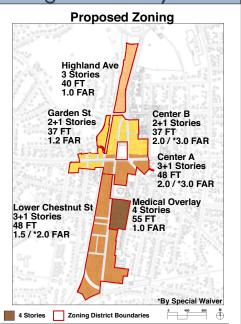
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Development Plan - Build-Out Analysis

Build-Out Under Proposed Zoning

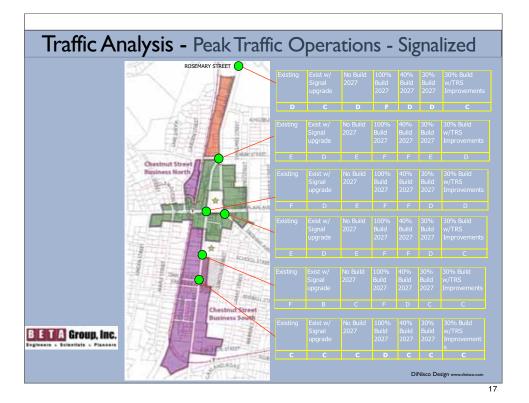
District	Existing (SF)	Existing + 100% Effective Build-Out (SF)	Existing + 30% Effective Build-Out (SF)
Highland Avenue Business District	118,829	147,466	127,420
Center Business District	554,710	768,710	618,910
Chestnut Street Business District	556,147	1,003,983	690,498
TOTAL	1,229,686	1,920,159	1,436,828

* 100% Effective Build-Out

1. Includes parcels with > 15,000 SF of land area.

2. Includes only those parcels with ≥ 50% expansion potential.

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Traffic Analysis - Summary

	30% Build-Out 2027		30% Build-Out 2027 With Traffic Response System Improvement	
Intersection	Level of Service	Delay (Seconds)	Level of Service	Delay (Seconds)
May St / Highland Ave	E	58.5	D	52.7
Dedham Ave / Highland Ave / Great Plain Ave	D	36.8	С	34.2
Chapel St / Great Plain Ave	D	53.1	D	43.8
School St / Chestnut St	С	25.5	С	21.9

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Traffic Analysis - Other Mitigations

- Secondary Roadways Diversions
- Traffic Demand Management
 - Carpool
 - ◆ Public Transportation
- Employee Parking
- Parking Management



Village Concept

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Village Concept - Historical Precedents



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Village Concept - Contemporary Precedents



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Village Concept - Traffic & Pedestrian Improvements

Do









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Village Concept - Civic

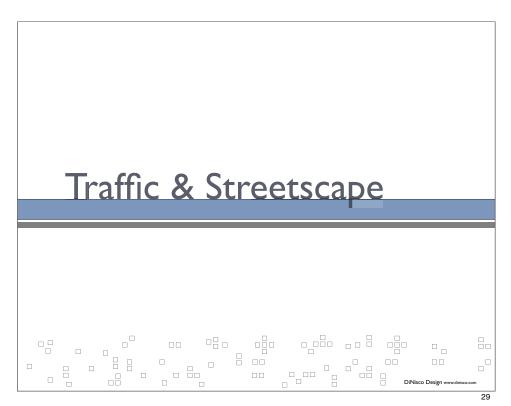


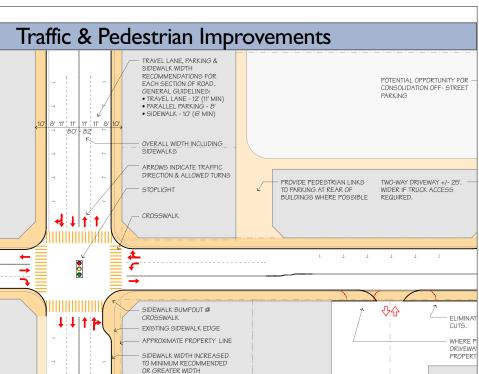


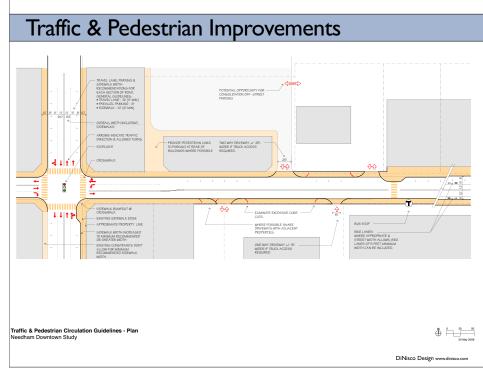




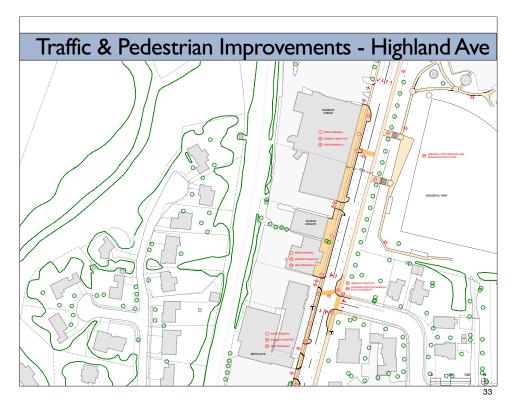
Design Guidelines

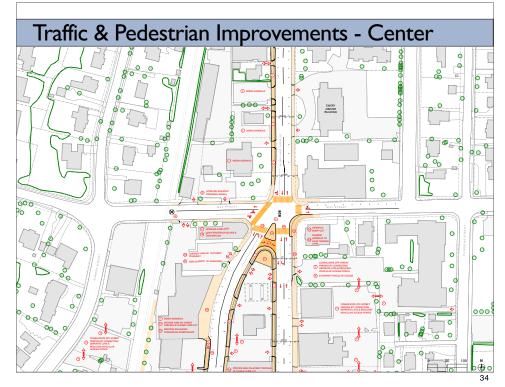


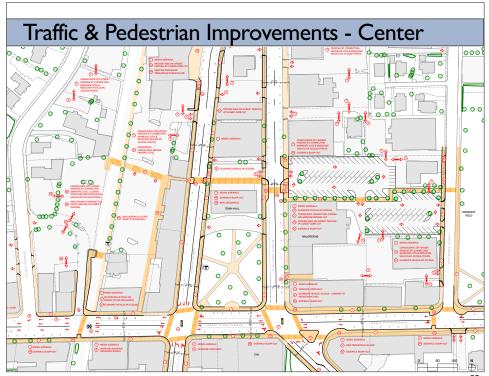


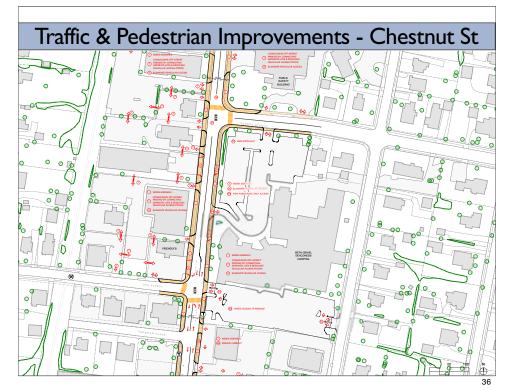


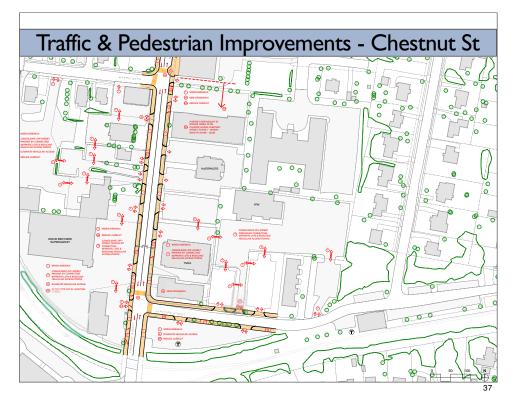
Traffic & Pedestrian Improvements - Highland Ave

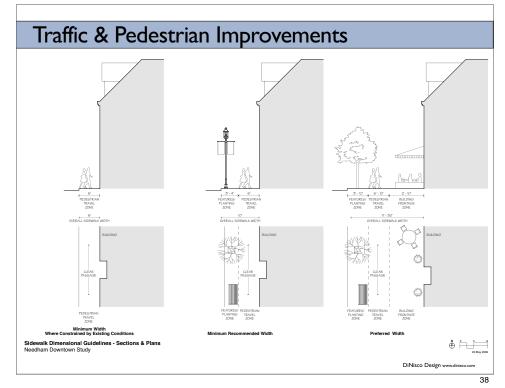


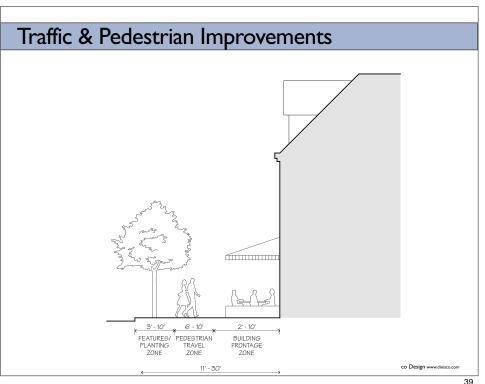


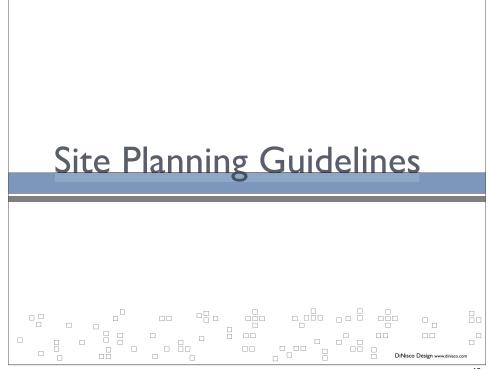


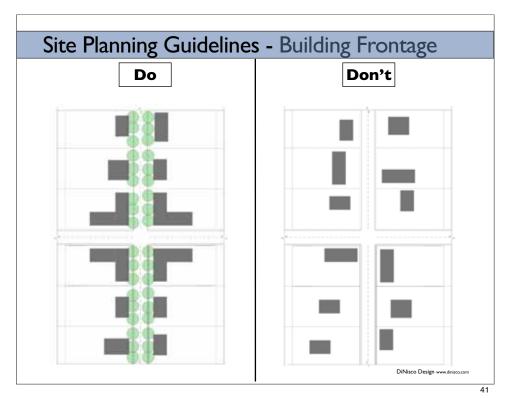


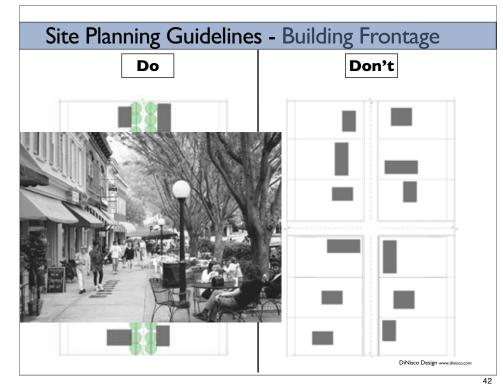


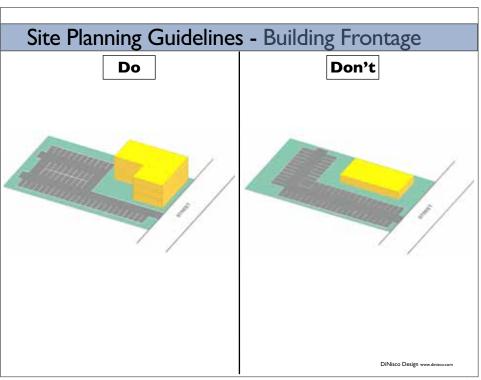


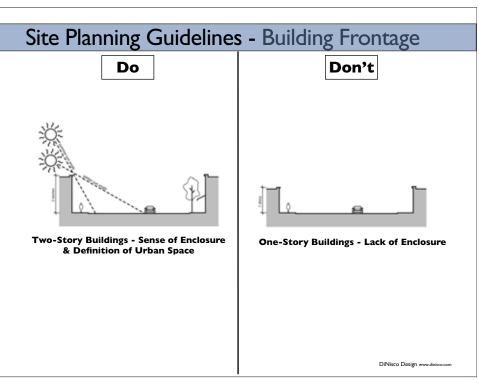


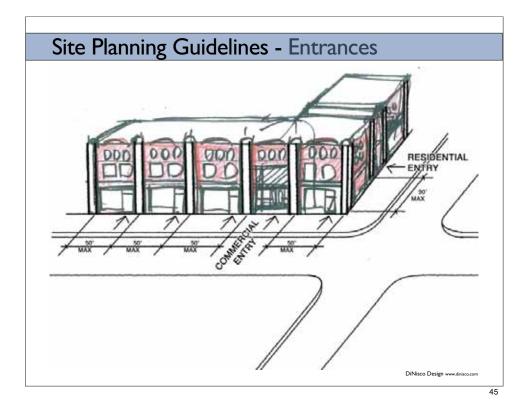


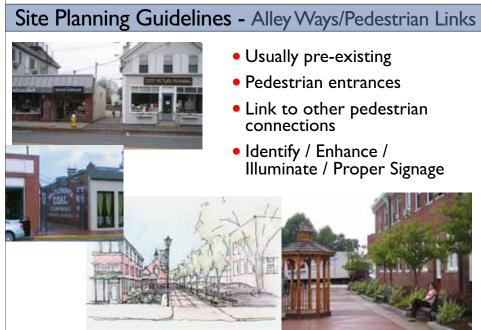














Do



Don't



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Site Planning Guidelines - Landscape & Open Spaces









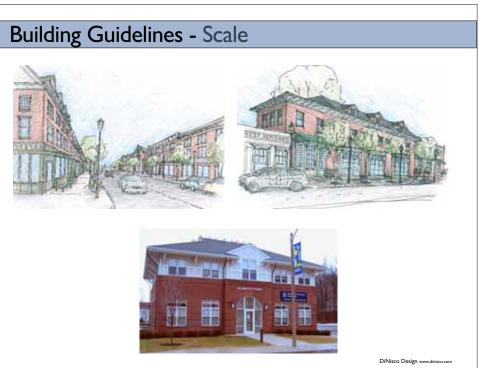


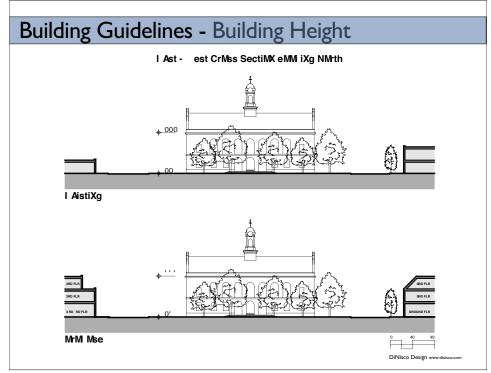
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Building Guidelines Divisco Design www.dnisco.com





Building Guidelines - Store Fronts



Building Guidelines - Store Fronts









